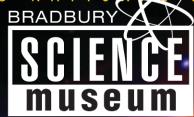
Photo: Harvard University



LOS ALAMOS WOMEN IN SCIENCE PRESENT

From inside the atom to beyond the stars

Shannon Cowell, of the Laboratory's Nuclear Theory group will guide us on a brief tour of the astronomical observations driven by one of the most elusive of particles: the neutrino.

These subatomic particles play a critical role in nuclear processes, including fueling the sun and stars. Neutrinos interact weakly with matter, being able to pass easily through the earth—or human bodies.

To investigate neutrinos and the electroweak interaction, scientists study the interactions between electrons and atomic nuclei. Cowell will discuss current research on these interactions, explaining how an understanding of processes at subatomic levels leads to a better understanding of the evolution of astrophysical environments.

Wednesday, June 6, 2007 at 6:30 p.m.

Bradbury Science Museum
15th and Central
Los Alamos

THE EVENT IS FREE AND OPEN TO THE PUBLIC



For more information contact Tinka Gammel 505)667-9249 jtg@lanl.gov

